



THE GARZETTE

W4GR

Volume 16, Issue 10

147.075+

444.525+5mhz

53.110 -1mhz

From the Presidents Mic!



QST! QST! de WA4ZXV, Norm Schklar

Inside this issue:

From the President's Desk	1	Geek or not a geek? If your brothers and sisters call and ask for computer help; if the neighbors bring cookies or pies and questions about their computer; if cousins want to know why the guys at work can't fix it, then you must be a geek. Is it bad to be a geek? No! Do you have to be a geek to enjoy amateur radio? No! But with all the interfacing to computers and digital communications now transmitted over HF and V/UHF, it helps to have a little geek blood. I thought it was tough reading the manuals and building all those HeathKit radios back in the '70s, now the instruction manuals are much more complicated, and you don't even need to build anything.
Calendar	2	I spent today out at Scout Land on Lake Lanier. Earl (af4fg) and Steve (wb2ogy) arranged to schedule an introduction to Amateur Radio to several groups of Webelo Scouts. Although it's hard to keep their attention, Earl managed to say just the right things to get them involved and asking questions. Brian (n4trb) stepped in and helped Earl when the dust and loud talking took hold. Steve managed to make several contacts while the scouts watched. Kurt (wa4hce) helped Steve, and spotted to help make sure we had contacts on the horizon for the different groups. You never know, but I'm sure we recruited at least one young soul, and probably a parent or two.
ARN from ARRL	3	Next weekend is the SET, simulated emergency test. For those of you that don't know, it's a weekend set aside each year to organize and deploy a plan to support the local community in times of communication need. While GARS is not planning an exercise, Gwinnett ARES will participate. If you have not already met with ARES and qualified for participation in their activities, it may be a little late for this year, but it's not too late to get involved with Gwinnett ARES (Amateur Radio Emergency Services).
VE Sessions and Club Meetings	4	Don't forget to add the 3 rd weekend in October for JOTA to your calendar. We'll setup at the Scout lodge near Rhodes Jordan Park. More information at our next meeting.
Meeting Minutes	4	There is a great HamFest on the near horizon... The Alford Memorial Radio Clubs Stone Mountain Hamfest is November 3 and 4. If you haven't been to a hamfest, be sure to make this one. If you've been to hamfests before, then you know this is a great one.
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73 and I look forward to seeing you at the meeting.

October 2007

Sun	Mon	Tue	Wed	Thu	Fri	Sat
Sept 30	1	2	3 6m Club net @ 2100	4	5	6 Breakfast 0730 **SEI**
7	8 2 m Club net @ 2000	9 club meeting 7:30 pm	10 6m Club net @ 2100	11	12	13 Breakfast 0730
14	14 2 m Club net @ 2000	15	16 6m Club net @ 2100	17	18	19 Breakfast 0730
20	21 2 m Club net @ 2000	22	23 6m Club net @ 2100	24	25	26 Breakfast 0730
27	28 2 m Club net @ 2000	29	30 6m Club net @ 2100	31	Nov. 1	2 Breakfast 0730

The GARZETTE

The GARZETTE is the official monthly organ of the Gwinnett Amateur Radio Society serving its members and other persons interested in the advancement of the amateur radio art.

Original articles, art, and photos are invited and encouraged. Previously copyrighted submissions cannot be accepted for reprinting unless permission from the appropriate publisher is provided in writing along with the information being submitted. If reprints are from publications allowing their unrestricted use, please include a copy of the printed permission contained in the publication.

If possible, bring your articles to the monthly meeting in Microsoft Word format or email to ka4kkf@arrl.net. Artwork can be accepted in most any graphics format and can be submitted via email to the same address. Alternate means of submittal can be arranged when necessary. In keeping with the amateur radio spirit, permission is hereby granted for the reproduction of The GARZETTE articles by other amateur radio club newsletters provided that proper credit is given to the individual author and to The GARZETTE.

GARS Recurring Calendar

- Monthly club meeting is the 2nd Tuesday of the month at 7:30 PM. Check the Web Site for Location.
- Every Monday at 8 PM local time: GARS Want, Swap, Sell, and Information Net on the GARS 2 meter repeater
- Every Wednesday at 9 PM local time: GARS 6 meter net on the GARS 6 meter repeater
- Every Saturday at 7:30 AM local time: GARS Weekly Family Breakfast, Golden Corral Restaurant, Riverside Drive, Lawrenceville
- 20th of each month: Deadline for submittal of articles for the following month's GARZETTE

**Don't forget the Alford Hamfest
November 3rd and 4th**

Come by the table and say hello!

Techfest is Coming

The GARZETTE is published each month with the assistance of Hal Manning, who prints the news letter. Rick Patchin, KD4RFK does the final production work on The GARZETTE by folding & labeling. Bill Cherepay, WB4WTN, stamps and gets the end product to the Post Office each month. Norm Schklar, wa4zxv, manages email delivery. Many thanks to each of them and all article contributors.

Deadline for submissions is the 20th of each month for inclusion in the following month's issue.

For any additional information contact:
Newsletter Editor:

David Adcock ka4kkf
(770-271-9398)
ka4kkf@arrl.net

All correspondence relating to articles posted in The GARZETTE or for information concerning advertising rates should be directed to the following address:

Gwinnett Amateur Radio Society
P.O. Box 88
Lilburn, GA 30048
Attn: Newsletter Editor

Metro Atlanta VE Exam Schedule

GARS publishes Metro Atlanta area VE exam schedules as a service and is not responsible for errors or changes. Call and confirm schedules before going. All sessions are walk-in. Take copies of current license and certificate of completed elements with you to all sessions. Find additional sessions online at www.arrl-ga.org

First Saturday, Even Months

9:00AM
EOC Building
Butch Nitz, AF4FS
(770) 968-8780

First Wednesday

7:00 PM
ARRL/VEC
Roberts School
4681 School Street,
Acworth
Jodi Escher AG4BK
770-387-1591

Second Tuesday

7:00PM
Walton EMC
3645 Lenora Church Rd,
Snellville
Wayne Taylor, WD4CCA
(770) 498-7759

Second Saturday, Odd Months

ARRL VEC
8:30 AM
Stone Mountain Methodist
Church
5312 West Mountain St.
Stone Mountain
Bob Varone, W4ETN
(770) 978-3179

Third Saturday

CA VEC
9:00AM
Marietta First United
Methodist Church Room 305,
56 Whitlock Ave
Marietta
David Still, WB4RRD
(770) 973-2566

Fourth Tuesday

ARRL VEC
7:00 PM
United Way Service Center
6279 Fairburn Road,
Douglasville

Third Sunday

W5YI VEC
3:00 - 5:00 PM
Gwinnett County Public
Library
2780 Five Forks Trickum Rd
Lawrenceville , GA 30044
770-978-5600
Headphones Provided! Howie
Gould, W9HG (770) 921-8362

Fourth Sunday

2:30 PM
Georgia Tech Student Center
Room 301
David Ziskind, KE4QLH
(404) 966-6864

Metro Atlanta Club Meetings**First Tuesday**

Kennehoochee ARC
Southern Polytechnic
State University
Meeting begins at 7:30 PM
Talk In 146.880(-)

Second Monday

Georgia Tech ARC
Room W218
Van Leer Electrical
Engineering Bldg.
Georgia Tech Campus
Meeting at 7:00 PM

First Thursday

Atlanta Radio Club
Georgia Red Cross HQ
1955 Monroe Dr., Atlanta
Meeting is at 7:30 PM
Talk In -146.820(-)

N.E. Georgia ARC

Commerce Public Library
Meeting is at 6:30 PM
Talk In - 147.225 (+)
PL 123.0

Second Thursday

Alford Memorial Radio Club
Annistown Road Baptist Church
Intersection of Annistown Rd
& Spain Rd
Stone Mountain
Dinner at 6:00 PM
Meeting at 7:30 PM
Talk In - 146.760 (-)

Third Tuesday

North Fulton Amateur Radio
League
Alpharetta EOC located at
2970 Webb Bridge Road, in Al-
pharetta
meeting at 7:30 PM
Talk In - 145.47 (-)

First Saturday

North GA QRP Club
Wiecuca Baptist Church on
Peachtree Rd/Wiecuca, 10 AM

September 2007 GARS General Meeting

September 11, 2007

The president, Norm Schklar, WA4ZXV, called the meeting to order at 7:30.

The meeting was opened with an invocation and pledge of allegiance to the flag in remembrance of September 11, 2001.

Introductions of those present were made.

Susan Swiderski, AF4FO, gave a mini-program on the upcoming ARRL elections for our division. For division director she gave a brief background on Greg Sarratt, W4OZK, and Sandy Donahue, W4RU, who is running for vice-director.

Mike Weathers, ND4V, gave a very interesting program and demonstration of Logbook of the World.

Break

Dave Bruse, W4DTR, Program Manager, announced that JOTA is October 20 in Rhodes Jordan Park.

The October mini-program will consist of a show and tell on the Stone Mountain Hamfest and the main program will be Brian Page (N4TRB) - Nostalgia Radio: A Visit to the Radio Society of Great Britain

The November program will be presented by Mike Boatright, KO4WX, on QRP and December will be the **holiday party – December 1 Mark your calendars!**

Bill Cherepy, WB4WTN, Membership Chairman, announced three new members:

David Flowers, AJ4AM, Extra Class,

Sean Russell, KI4REX, General Class, and

Floyd Carr, K4FEC, Technician Class.

All three were voted into full membership.

Earl Whatley, AF4FG, vice president, announced two scouting events coming up, JOTA (Jamboree on the Air), the third weekend in October (20th) and Scout Land at Lake Lanier for cub scouts.

Announcements and other business:

Win Jackson, N1TWX, education coordinator, announced that a technician class is starting Tuesday, September 18 at Central Gwinnett High School from 7-9. Cost is \$20 plus the book.

VE exams will be conducted this Sunday at 3pm at the Library on Ronald Regan and Highway 29.

Steve Back, WB2OGY, presented the new charter for Venture Crew 73 to the club.

Scott Hartlage, KF4PWI, net manager, issued a call for new operators and for net control manager, he is stepping down.

GARS will have a table at the Stone Mountain Hamfest and people to staff the table are needed.

Over 30 people were at the pre-meeting dinner at the Lilburn Pizza. They donated gift certificates to be used as door prizes.

Dorothy Jubon, N2DLJ, issued a call for CERT trained members to assist in the drill at the Mall of Georgia.

The Atlanta Radio Club will host a mini field day on September 22.

Mike Swiderski, K4HBI, discussed interoperability with other clubs and the need for an updated agreement. This matter was referred to the Executive Committee.

Prize drawing was held.

The meeting was adjourned at 9:06.

Prepared by Randy Collins, secretary

Roles Organizations Play Within the WLAN Industry

by Joel Barrett

Solutions Architect, WW Wireless Practice, Advanced Services

CWNE #6, CWNT, CCAI, CCNP/DP, CWLSS/DS

W4JOL

There are three primary categories of organizations that guide the wireless networking industry. These categories include regulation, standardization, and compatibility. The Federal Communications Commission (FCC) and the European Telecommunications Standards Institute (ETSI) are examples of regulatory bodies. The Institute of Electrical and Electronics Engineers (IEEE) is an example of a standards development organization, and the Wi-Fi Alliance is a compatibility testing and certification group.

It is important to understand what these organizations do, but it is equally important to understand how they work together. As an example, consider the interdependency between the FCC and the IEEE or the relationship between the Wi-Fi Alliance and the IEEE. The FCC sets the boundaries within which the IEEE may

develop standards. The Wi-Fi Alliance tests equipment to certify it as being reasonably interoperable. These three organizations provide regulation, standardization, and compatibility services for WLAN technologies within the United States.

The benefits to the consumer are clear. When there are regulations in place, such as RF power output limits, it is easier to implement localized wireless networks with less interference from surrounding networks. When there are standards in place, such as the IEEE 802.11 standard, it is easier to purchase devices from different vendors that are interoperable. When there are certifications in place that validate interoperability, consumers can buy products with confidence that those similarly certified devices should be interoperable at some level and fewer man-hours are required for compatibility testing.

In the ideal world, we would get all these benefits with exact perfection. In the real world, interference is reduced, but not eliminated; hardware is interoperable, but not necessarily fully compatible; testing time is reduced, but not completely eliminated. If you are installing a wireless network in an office, which shares space with other offices, you may still encounter interference—even with the lower output power. If you are working with devices from different vendors, you may encounter specific compatibility issues outside the standards upon which the devices are based. If you are implementing hardware that has been certified by the Wi-Fi Alliance, you should still test it with your hardware to ensure there are no compatibility issues. Even with these realities, the benefits that the regulatory, standards, and compatibility organizations have brought to the wireless industry are immeasurable.

Upcoming Programs

November 13th - Mike Boatright (KO4WX) QRP

December Party

January 8th - Ray Back (KI4GRJ) - Venture Crew 73 and

Susan Swiderski (AF4FO) - ARRL year in review and what's coming up in 2008

February 12th - Elections & More - Stay Tuned!

The Dog Show Or Standing Post at the Gates of Hell

By KI4MEH

FRIDAY

Unlike other ham events this event did not start with breakfast. Breakfast did not get up this early. Fortunately coffee did. I stopped for coffee three times on the way. It was not enough.

I arrived at "O Dark:30". The RVers were starting to move about. Most of them complaining about the power going out in the night and having to sleep without air-conditioning. I went looking for more coffee.

I took my usual post at Judges/VIP parking and waited for the Sun to come up. Unfortunately it did. And when it did the doors to Hell opened. It was HOT. All kinds of hot. I was sweating more than a hooker in church. I grabbed water with both hands all day off every golf cart that passed. Grateful that at least the traffic was exceptionally light.

I got a break sometime after Noon when Jan took over my post and I got sent to the Pit to help out there. The Pit action had slowed to a stop and I joined the Pit guys who were relaxing in the shade. When I stepped into the shade I thought "shade, one of Gods better ideas". I sat down in a golf cart next to Doug to join the "rag chewing" session. This was a mistake.

Doug decided to take me on a tour of the grounds, at full throttle. Up and down every aisle, off road, down hills, between (in back of, around and through) the RVs. I felt like I was on "Mr. Toads WILD ride". Doug did provide an excellent running commentary during the entire trip on different aspects of every RV and generator setup. If you need RV or generator advice Doug is your "Elmer".

As the tour finished David called a close to "day one" and we all packed up and went home.

SATURDAY

Back at my usual post I set up my entire base, complete with chair, 12-volt fan, table, and umbrella. If this was to be another "rehearsal for Hell" I was as prepared as I could be. But my little village was to go mostly unused. Traffic was extra heavy and I spent most of my time on my feet amongst it.

Early on in the day an announcement came over the PA system about a found dog. It went something like this.

WILL THE OWNER OF THE "NORTH AMERICAN RIDGE BACK WEASEL HOUND" PLEASE PICK IT UP AT THE COURSEY DESK.

I would think if you were missing a "North American Ridge Back Weasel Hound" you would notice it. But this announcement repeated itself (with small changes) several times during the day so I will drop it in at appropriate points.

The only incident I had was with a lady who said she was a sponsor and always got a VIP pass. Since she didn't have one this year I didn't let her in VIP parking and she left in a huff. Later I was chatting with Don Watson (the BIG dog at this event) and told him I was doing better this year. I was into the second day and only had one lady that was likely to complain. I told him the story and Don laughed and said he had one better.

It seems that after Jan took over for me on Friday, Don (who parks in VIP parking next to his motor home) had to run out for a few minutes. Jan let him out, five minutes later Don was back and Jan would not let him back in. It seems Don neglected to give himself a VIP pass. After a brief chat (during which Jan said he recognized Don, knew who he was, and was not going to let him in without a VIP pass) Don gave up and parked by the curb, walked over to his motor home, got a VIP pass, went back to his car, pulled up to VIP parking and Jan let him in. Don was laughing so hard while telling this I thought he was going to hurt himself. He said we were doing a great job and to keep it up. I didn't tell him everyone else I could think of in GARS (including me) would have just let him in with a smile.

WILL THE OWNER OF THE “NORTH AMERICAN RIDGE BACK WEASEL HOUND” PLEASE, PLEASE PICK IT UP AT THE COURTESEY DESK.

In the afternoon things slowed down and I started to get bored (always dangerous). My salvation came in the form of a lady with a Great Dane. As she passed I said in a concerned voice “Lady your pony lost its saddle”. She did not seem amused, but I had a new game. Some of you will be glad to know that I did not verbalize most of the game.

I could not resist however when a lady with a small boy carrying his new stuffed toy dog stopped and waited to cross the street. I leaned over and whispered “Lady I don’t want to upset you but that dog’s not breathing”. She started to laugh but moved quickly away as I held my best poker face.

As I tired of this game I noticed the dog owners seemed to come in breeds themselves distinguished mostly by their choice of dress. Here are some of the breeds I came up with.

Soccer Mom Breed – Driving SUVs with a bumper sticker “My Puppy (insert breed of choice) is smarter than your math student.

Scary Vampire Girl – A pale breed with dark clothes, dark makeup, and straight dark hair.

There was the Immaculately Dressed breed that seemed to be all male and always traveled in pairs.

But the largest breed by far (better than 70%) was an all female breed that dressed in a solid medium gray or brown suit, with the skirt somewhere between the ankle and knee, flat large thick-soled shoes, hair pulled up in a tight bun. I call this breed Matron at a Russian Women’s Prison.

WILL THE OWNER OF THE “NORTH AMERICAN RIDGE BACK WEASEL HOUND” PICK UP YOUR DOG NOW. IT IS CAUSING CONCERN AMONG THE SMALL WEASEL-LIKE BREEDS.

The day closed like Friday. I assume that dog got picked up. There were no more announcements about it on Sunday.

Sunday was like Friday with a downward slide to it. I had to leave after the first shift to start a 12-hour ride back to Texas (another story).

I was relieved by Laura KI4YZM, youngest daughter of Scott KF4PWI, and our newest ham. Apparently Scott only knows how to produce daughters that are pretty and smart. I hope she discovers the aspects of our hobby that young hams find fun before she discovers what an “interesting” group of “senior” thinkers we are.

Do you know a boy or girl
14 to 21 years old
who wants to:

Climb, Hike
Canoe, Camp
Talk on an amateur radio
Have Fun
Tell them about

Venture Crew 73

We meet the second Tuesday
of each Month at 7:00PM
prior to the GARS meeting at
St. Marguerite D'Youville
Church..

For more information Visit
www.gars.org/crew73
or contact Ray Back:

Email crew73@gars.org
Phone (770) 295-9174

GARS Communication System

70 Cm Repeater

444.525(+) MHz
82.5 PL Tone

2 Meter Repeater

147.075(+) MHz
82.5 PL Tone

APRS

144.390 -- 1200 Baud
W4GR

Main Repeater Site

Oak Street, Lawrenceville

Backup Repeater Site

Lanier Mountain, Snellville

Remote Receive Sites

Bogon Road, Buford

Goshen Springs Road,
Norcross

Lanier Mountain, Snellville

6 Meter Repeater

53.110 (-1 MHz)
82.5 PL Tone

Net Needs Net Control Operators!

If you would like to be net control and learn how to operate the net, contact Scott, KF4PWI. We are looking for 2m and 6 m net control operators to fill in the empty spaces in the rotation.

kf4pwi@arrl.net

GARS

APPAREL ORDER FORM

NAME: _____

PHONE # _____

CALL: _____

NAME TO BE EMBROIDERED: _____

CALL SIGN TO BE EMBROIDERED: _____

ITEM	SIZE	QUANTITY	PRICE	TOTAL
T-SHIRT				
Red WITHOUT name & call			\$20.00	
White WITHOUT name & call			\$20.00	
Red WITH name & call			\$20.00	
White WITH name & call			\$20.00	
GOLF SHIRT -- WITHOUT name & call				
Red			\$24.00	
White			\$24.00	
GOLF SHIRT -- WITH name & call				
Red			\$28.00	
White			\$28.00	
SWEATSHIRT				
Red WITHOUT name & call			\$30.00	
White WITHOUT name & call			\$30.00	
Red WITH name & call			\$30.00	
White WITH name & call			\$30.00	
LIGHTWEIGHT JACKET -- RED ONLY				
WITHOUT name & call			\$31.00	
WITH name & call			\$35.00	
HEAVYWEIGHT JACKET -- RED ONLY				
WITHOUT name & call			\$41.00	
WITH name & call			\$45.00	
GARS BADGE -- WITH name & call			\$9.00	
HAT -- WITHOUT name & call				
Red			\$9.00	
White			\$9.00	
HAT -- WITH name & call				
Red			\$14.00	
White			\$14.00	

TOTAL ORDER PRICE: _____

Please attach your check made payable to GARS and return to Amy Woodrick, KE4IKF or mail to:

GARS
P.O. Box 88
Lilburn, Georgia 30048

NOTE: Please allow at least 4 weeks for delivery of items. Some items may need to be special ordered.

Thanks and 73s! -- Amy KE4IKF

Gwinnett Amateur Radio Society
P.O. Box 88
Lilburn, GA 30048

MEMBERSHIP APPLICATION

NEW MEMBER

RENEWAL

Amateur Call Sign _____

License Class

Novice

Technician

General

Advanced

Extra

Name _____

Address _____

City _____ **State** _____ **Zip** _____ - _____

Email address _____

Home Telephone _____ **Work Telephone** _____

Cell Telephone _____ **Date of Birth** ____ / ____ / ____ (mm/dd/yy)

ARRL Member Yes No Life

Interests _____

I prefer to receive the **GARZETTE** newsletter by: US Mail Email (please check only one)

Type of Membership

Optional Contributions

Individual \$30.00 annually

Repeater Fund \$ _____

Student \$15.00 annually

Senior \$15.00 annually (over age 65)

Scholarship Fund \$ _____

Family ** \$35.00 annually

** Available for family members residing at the same address

Additional Family Members **

Name _____ **Date of Birth** ____ / ____ / ____ (mm/dd/yy)

License Class Technician General Extra **ARRL Member** Yes No Life

Interests _____

Name: _____ **Date of Birth** ____ / ____ / ____ (mm/dd/yy)

License Class Technician General Extra **ARRL Member** Yes No Life

Interests _____

I agree to abide by the By-Laws of the Gwinnett Amateur Radio Society and understand that membership is subject to the approval of the Club.

Applicant Signature _____ **Date** ____ / ____ / ____

GARS Appreciates these fine sponsors that support our great organization!

**GWINNETT COLLISION
CENTER, INC.**

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Suwanee, Georgia 30024
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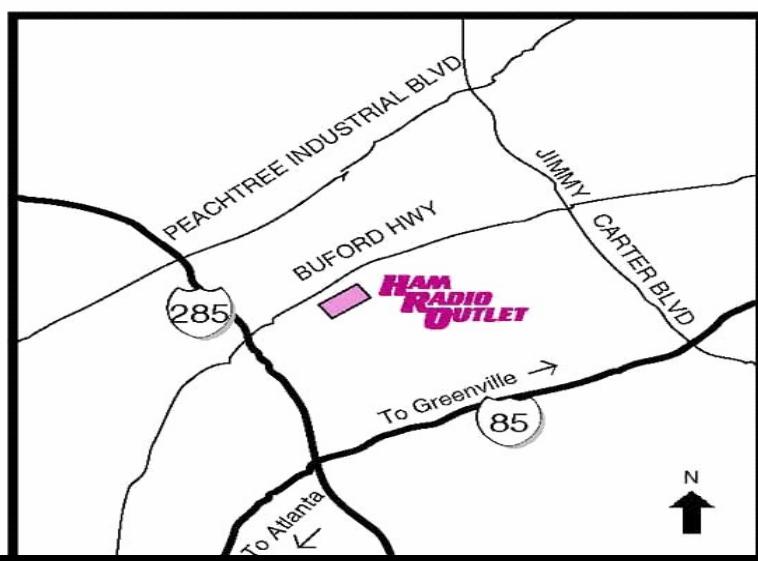
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Van Gordon

Gwinnett Amateur Radio Society
P.O. Box 88
Lilburn, GA 30048



To receive the **Garzette** via e mail contact, please contact the membership chairman

Saturday Morning

Breakfast

**Join us at the Golden Coral
on Riverside Drive in
Lawrenceville at 7:30 a.m.**

Next Meeting
Tuesday, October 9

The Meetings are on the
Second Tuesday of the
month 7:30pm at the
St Marguerite
D'Youville Church,
85 Glosster Rd NW,

Lawrenceville, GA 30044.
Just off Highway 29 SW of
Lawrenceville.

Directions on the Web
site.
<http://www.gars.org>

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Extra Time, Effort and Dedication.
Not every agent is willing to make
that Commitment.

Call me for when You or Your Friends
and Family are ready to Make a Move.

**References available upon Request